

Fig. 1

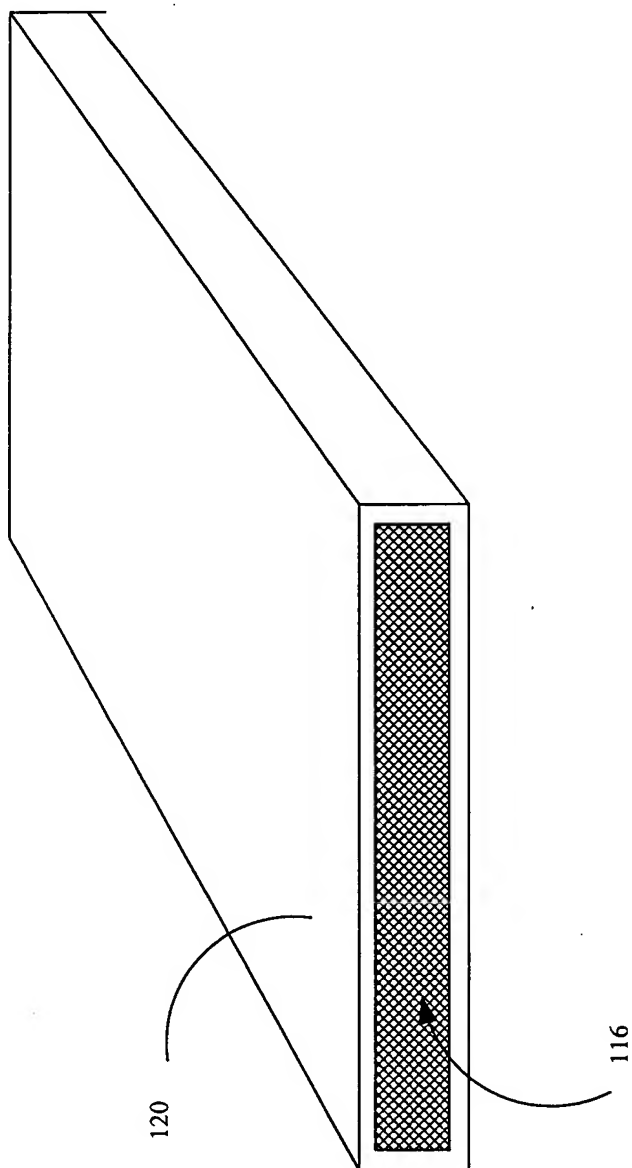


Fig. 2

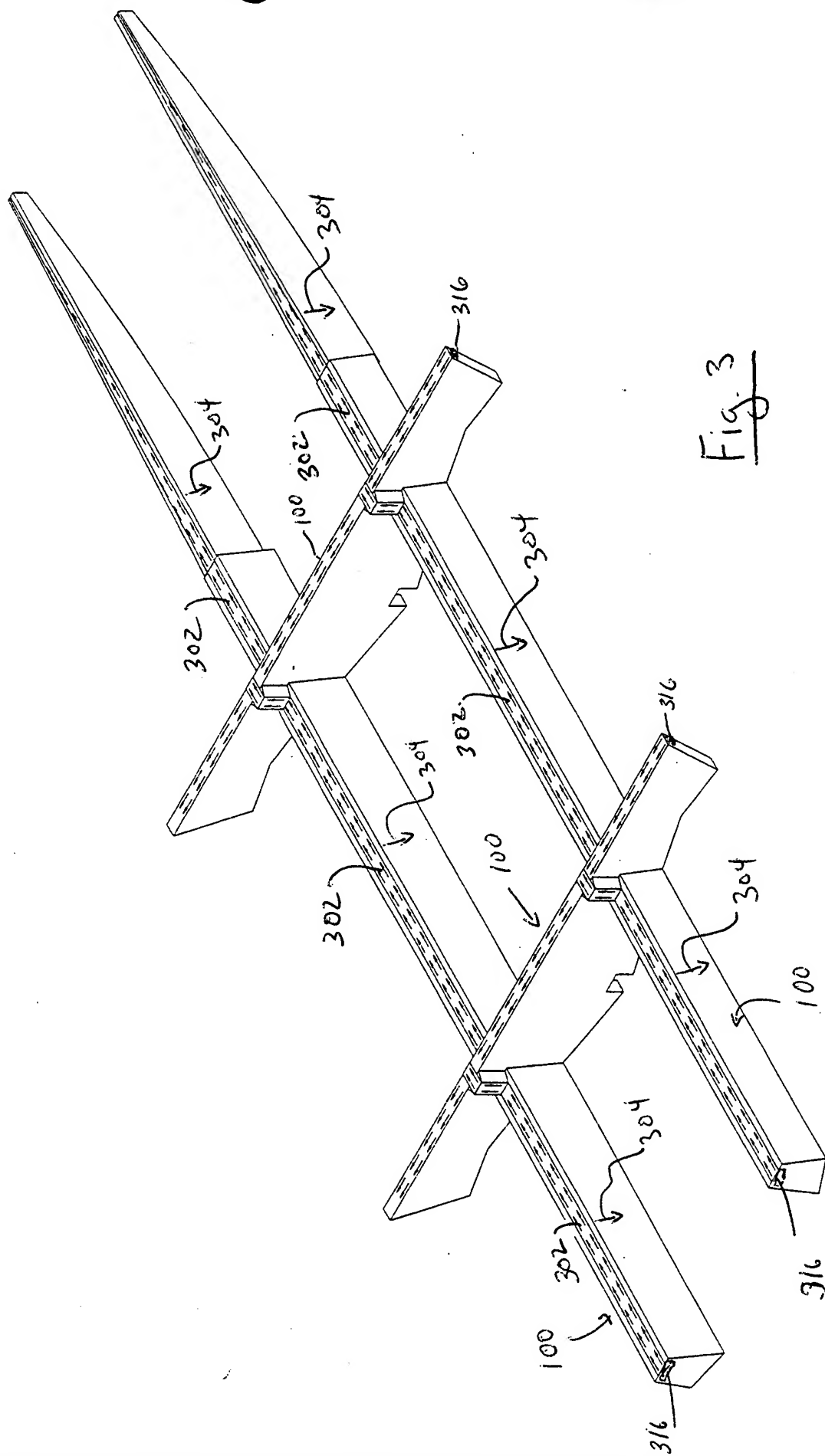


Fig. 3

Select flow channel media and fabrics for desired volume of resin flow through flow channel and desired resin dispensing along length of beam 400

Arrange fabric layers within mold/die 402

Arrange flow channel media within mold/die 404

Inject foam into cavity formed by mold/die 406

Composite part is removed from mold/die 408

Done

Fig. 4

1000 900 800 700 600 500 400 300 200 100 0

Fig. 5

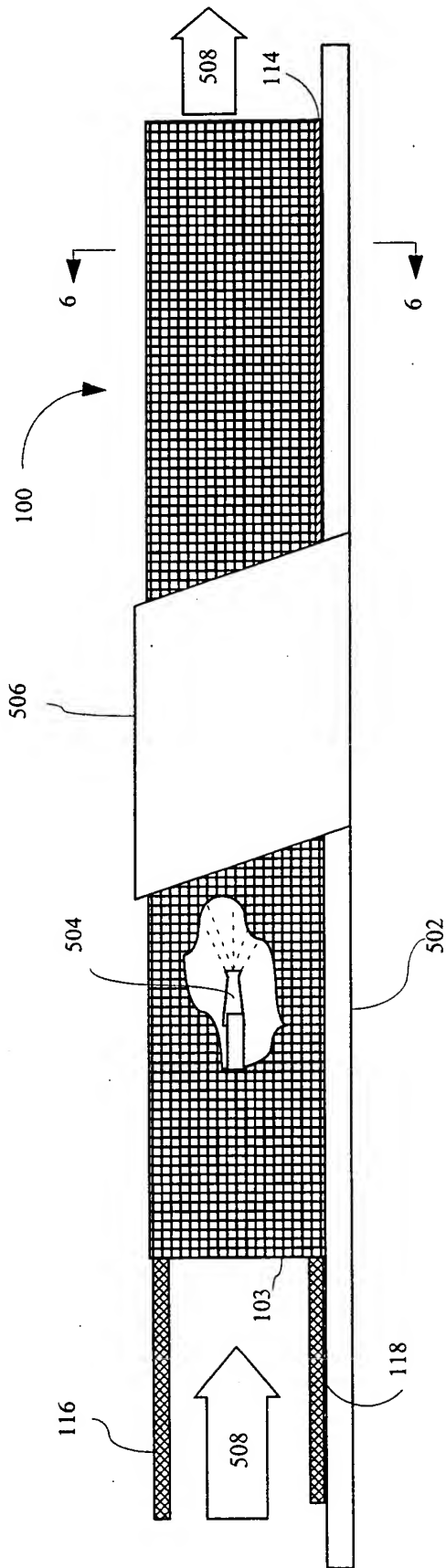


Fig. 6

